Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
Data File : BN011880.D
Acq On : 23 Sep 2020 10:20
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 23 11:38:04 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 11:18:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	3138	0.40	ng		0.00
7) Naphthalene-d8	10.466	136	12924	0.40	ng		#-0.01
13) Acenaphthene-d10	14.332	164	6805	0.40	ng		0.00
19) Phenanthrene-d10	17.078	188	13716	0.40	ng		0.00
29) Chrysene-d12	21.269	240	12132	0.40	ng		# 0.00
36) Perylene-d12	23.491	264	12183	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	5081	0.55	ng		0.00
5) Phenol-d6	6.870	99	6466	0.57	ng		0.00
8) Nitrobenzene-d5	8.843	82	5894	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.064	152	8627	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	1372	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	11116	0.38	ng		0.00
27) Fluoranthene-d10	19.107	212	16637	0.38	ng		0.00
31) Terphenyl-d14	19.713	244	12145	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	2238	0.48	ng		98
3) n-Nitrosodimethylamine	3.576	42	2949	0.47	ng		86
6) bis(2-Chloroethyl)ether	7.127	93	5421	0.54	ng		96
9) Naphthalene	10.516	128	15517	0.43	ng		99
10) Hexachlorobutadiene	10.808	225	2553	0.30	ng	#	98
12) 2-Methylnaphthalene	12.140	142	9902	0.39	ng		99
16) Acenaphthylene	14.040	152	13077	0.40	ng		100
17) Acenaphthene	14.382	154	9342	0.41	ng		93
18) Fluorene	15.372	166	11286	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.461	198	762	0.32	ng	#	1
21) 4-Bromophenyl-phenylether	16.275	248	3000	0.37	ng	#	86
22) Hexachlorobenzene	16.384	284	3582	0.36	ng	#	85
23) Atrazine	16.542	200	2717	0.37	ng	#	95
24) Pentachlorophenol	16.725	266	1658	0.41	ng		98
25) Phenanthrene	17.114	178	17584	0.40	ng		100
26) Anthracene	17.199	178	15179	0.40	ng		99
28) Fluoranthene	19.137	202	19149	0.38	ng	#	95
30) Pyrene	19.499	202	19521	0.46	ng		100
32) Benzo(a)anthracene	21.248	228	16066	0.39	ng		98
33) Chrysene	21.301	228	17742	0.42	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	10606	0.50	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.716	276	20568	0.39	ng	#	91
37) Benzo(b)fluoranthene	22.823	252	17425	0.38	ng	#	85
38) Benzo(k)fluoranthene	22.868	252	18549	0.40	ng	#	87
39) Benzo(a)pyrene	23.395	252	15879	0.39	ng	#	74
40) Dibenzo(a,h)anthracene	25.729	278	16479	0.37	ng	#	86
41) Benzo(g,h,i)perylene	26.390	276	18008	0.38	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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